

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/669,771  
Applicant : E. Stuart SAVAGE  
Filing Date : September 24, 2003  
Title: : **PROCESS FOR DIRECT FILTRATION OF  
WASTEWATER**  
Publication No. : 2004/0060862 A1  
Group Art Unit : 1724  
Examiner : Ivars C. Cintins

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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TC 1700

**THIRD-PARTY SUBMISSION  
IN PUBLISHED APPLICATION UNDER 37 C.F.R. §1.99**

Sir:

Pursuant to the requirements of 37 C.F.R. §1.99, this submission includes the references cited on Form PTO/SB/08A herein.

This submission is for U.S. Patent Application No. 10/669,771, published on April 1, 2004, having a filing date of September 24, 2003. A copy of the reference listed on Form PTO/SB/08A is enclosed herein.

This submission is filed after two months from the date of publication of the application because the references could not have been submitted to the U.S. Patent and Trademark Office earlier.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 4, 2005.

Pauline J. Moyles  
(name of person depositing papers or fees)

Signature

02/04/2005  
Date

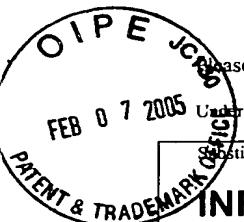
Pursuant to 37 C.F.R. §1.99(b)(1) submitted herewith is the fee set forth in 37 C.F.R. §1.17(p) in the amount of \$180.00. Additionally, submitted herewith is the fee set forth in 37 C.F.R. §1.17(i) in the amount of \$130.00 as this Submission is being submitted after two months from the date of publication of the application. A copy of this Submission has been served on the agent of the applicants, Jo Katherine D'Ambrosio, by Express Mail to the address listed on the published application on February 4, 2005. An original and two copies are enclosed. The Examiner is requested to consider the material art submitted herewith.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON  
ORKIN & HANSON P.C.

By \_\_\_\_\_

  
John W. McIlvaine  
Registration No. 34,219  
700 Koppers Building  
436 Seventh Avenue  
Pittsburgh, PA 15219-1818  
Telephone: (412) 471-8815  
Facsimile (412) 471-4094  
E-mail: [webblaw@webblaw.com](mailto:webblaw@webblaw.com)



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~~Substitute for form 1449A/PTO~~

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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1

of

2

**Attorney Docket Number**

**Complete if Known**

Application Number	10/669,771
Filing Date	September 24, 2003
First Named Inventor	E. Stuart SAVAGE
Group Art Unit	1724
Examiner Name	Ivars C. Cintins
Attorney Docket Number	1473-045379

## U.S. PATENT DOCUMENTS

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TC 1700

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>10/669,771</td> </tr> <tr> <td>Filing Date</td> <td>September 24, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>E. Stuart SAVAGE</td> </tr> <tr> <td>Group Art Unit</td> <td>1724</td> </tr> <tr> <td>Examiner Name</td> <td>Ivars C. Cintins</td> </tr> <tr> <td>Attorney Docket Number</td> <td>1473-045379</td> </tr> </table>		Application Number	10/669,771	Filing Date	September 24, 2003	First Named Inventor	E. Stuart SAVAGE	Group Art Unit	1724	Examiner Name	Ivars C. Cintins	Attorney Docket Number	1473-045379
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Examiner Name	Ivars C. Cintins																
Attorney Docket Number	1473-045379																
Sheet	2	Of	2														

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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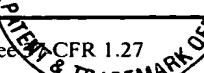
Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 2748)

## FEE TRANSMITTAL

For FY 2005 FEB 07 2005

Applicant claims small entity status. See 37 CFR 1.27



TOTAL AMOUNT OF PAYMENT (\$)

## Complete if Known

Application Number	10/669,771
Filing Date	September 24, 2003
First Named Inventor	E. Stuart SAVAGE
Examiner Name	Ivars C. Cintins
Art Unit	1724
Attorney Docket No.	1473-045379

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## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify):

APR 05 2005

Deposit Account Deposit Account Number: 23-0650 Deposit Account Name

TC 1700

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<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) Under 37 CFR 1.16 and 1.17	<input type="checkbox"/> Credit any overpayment

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## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

TC 1700

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

## Small Entity

Fee (\$)

Fee (\$)

50

25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200

100

Multiple dependent claims

360

180

## Total Claims

## Extra Claims

## Fee (\$)

## Fee Paid (\$)

## Multiple Dependent Claims

## Fee (\$)

## Fee Paid (\$)

- 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20

## Indep. Claims

## Extra Claims

## Fee (\$)

## Fee Paid (\$)

## Multiple Dependent Claims

## Fee (\$)

## Fee Paid (\$)

- 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 = _____	/ 50 = _____	(round up to a whole number)	x _____	= _____

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fee Paid (\$)

Other: Submission of Information Disclosure Statement (\$180.00)

\$180.00

Fee Code 1808 (\$130.00)

\$130.00

\$310.00

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	34,219	Telephone	412-471-8815
Name (Print/Type)	John W. McIlvaine			Date	February 4, 2005

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## FEE TRANSMITTAL

For FY 2005

FEB 07 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)

## Complete if Known

Application Number	10/669,771
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First Named Inventor	E. Stuart SAVAGE
Examiner Name	Ivars C. Cintins
Art Unit	1724
Attorney Docket No.	1473-045379

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## METHOD OF PAYMENT (check all that apply)

 Check  Credit Card  Money Order  None  Other (please identify): Deposit Account Deposit Account Number: 23-0650 Deposit Account Name

APR 05 2005

TC 1700

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<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) Under 37 CFR 1.16 and 1.17	<input type="checkbox"/> Credit any overpayments

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## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

TC 1700

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

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Fee (\$)

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Multiple dependent claims

360 180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 20 or HP =	x	=	

## Multiple Dependent Claims

Fee (\$)

Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 3 or HP =	x	=	

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<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
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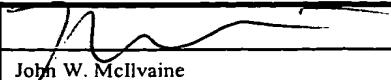
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Fee Code 1808 (\$130.00)

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\$310.00

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Name (Print/Type)	John W. McIlvaine			Date	February 4, 2005

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FEE TRANSMITTAL  
For FY 2005

FEB 07 2005

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Under 37 CFR 1.16 and 1.17 Credit any overpayments

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## FEE CALCULATION

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TC 1700

## FILING FEES

## SEARCH FEES

## EXAMINATION FEES

Application Type	Small Entity		Small Entity		Small Entity		Fees Paid (\$)
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	
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Multiple dependent claims

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## Total Claims

## Extra Claims

## Fee (\$)

## Fee Paid (\$)

## Multiple Dependent Claims

## Fee (\$)

## Fee Paid (\$)

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## Indep. Claims

## Extra Claims

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## Fee Paid (\$)

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